

Revised: May 24, 2007

*Tentative Agenda*  
**DEep Submergence Science Committee**  
**Woods Hole Oceanographic Institution**  
**Carriage House**  
**Woods Hole, MA**  
**May 30-31, 2007**

A copy of this agenda can be downloaded as a pdf: <[200705desag.pdf](#)>

**MEETING BEGINS AT 8:30 AM**

**Day One: Wednesday, May 30, 2007 - Carriage House**

**0800 Coffee and Pastries**

**0830 Introductory Remarks, Meeting Logistics, Introductions (D. Kelley)**

- A. Participant Introductions
- B. Review Agenda Items
- C. Accept minutes - [November 2006 DESSC Meeting](#)

**0845 Agency and UNOLS Reports**

- A. NSF - Dolly Dieter
- B. NOAA - Barbara Moore
- C. ONR – Bob Houtman
- D. UNOLS – Vernon Asper

**0930 National Facility Operators Report (Bob Detrick/WHOI Personnel)**

- A. Developments with the NDSF:
  - Introduce new structure and staff (A. Bowen)
  - *Alvin* personnel/staffing (R. Brown)
- B. NDSF Vehicle Operations Summary (R. Chandler):
  - *Alvin*
  - ROVs
  - NDSF Support Ships:
    - *Atlantis* (A. Suchy)
    - Others (A. Bowen)
- C. NDSF Data Management
  - Status of data management position (A. Bowen)
  - Update of the *Alvin* Framegrabber & Jason Virtual Van (C. German)
  - Update on the new NDSF event logger (V. Ferrini)
  - Merging NDSF deliverables with the Lamont database (V. Ferrini)
  - *Alvin* timing, navigation and bathymetry data (V. Ferrini)
  - Daily quality checks of cruise navigation data – Status of DESSC’s recommendation that shipboard personnel conduct the daily checks. (V. Ferrini)
  - Archiving status – (C. German)

**1050 Upgrades to National Deep Submergence Facility (WHOI-DSF Personnel)**

- Overview of Vehicle Upgrades being undertaken in 2007:
  - *Alvin* (Bob Brown)
  - *Jason2* (Matt Heintz)
- Prioritization of key items identified in Bill Chadwick’s 2006 letter on *Jason2* operations (Chris German)
- NDSF-wide navigation update (Chris Taylor)
- NDSF-wide imaging update (Billy Lange)

**1145 Deep Submergence Scheduling: 2007 and Beyond** (Liz Caporelli)

**1200 Lunch Break**

**1300 NDSF Vehicle Debrief Interviews**

- Update on new procedures implemented in 2007 (C. German)
- Summary of debrief interviews conducted to date:
  - *Jason2* – Bill Chadwick
  - *Alvin* –
- Discussion of actions required to feedback from NDSF Users (A. Bowen)

**1400 AUV *Sentry* Update** – Timeline to complete, including sea trials (D. Yoerger)

**1420 Mid-Afternoon Break**

**1440 Replacement HOV Update**

- Project Status (R. Brown)
- Science Outfitting and Sensors for the Replacement HOV – Review the draft web-based survey. (A. DeSilva)

**1520 Establishing Safety Standards for the use of Human Occupied Vehicles** (Craig Young)

**1535 Transition of the DSL-120 out of the NDSF** – (C. German)

**1555 DESSC Recommendations regarding Pilot Training and Advancement** – A report on the status of the following items will be reported (WHOI or Deb)

- Science Training Opportunities for Pilots
- R2K Lectureship program
- Career Advancement /Learning Opportunities for Pilots

**1615 Ocean Observatory ROV Workshop for Technology Transfer, Looking towards Future Needs** – Deb Kelley will report on the status of plans for a workshop.

**1630 DESSC Executive Session**

- **DESSC Membership** – Deb Kelley will review the positions opening in 2007 and the proposed staggered term end dates. Discuss on membership nominations.
- **Other DESSC Activities or Issues**

**1730 Adjourn Day 1**

---

**Day Two: Thursday, May 31, 2007** - Carriage House

**0800 Tour of Deep Submergence Facilities** – visit to *Sentry*, Replacement HOV, and HROV. HROV Status Report (A. Bowen). Directions to the Village will be provided on Day 1.

**0915 Return to Quisset Campus**

**0930 Benchmarks at the Ridge 2000 EPR ISS** (D. Fornari)

**0950 *Alvin* Video Mosaicking** (S. Beaulieu)

**1010 Winter Meeting Strategies**

- Discussion – November 2006 Western Society of Naturalists

- 2007 Fall AGU – Sunday, December 9, 2007
- 2008 Benthic Ecology Meeting - Providence, RI -- April 9-12, 2008. Organizer: Sandra Shumway @ Univ. of Connecticut ([sandra.shumway@uconn.edu](mailto:sandra.shumway@uconn.edu))
- Deep-Sea Biology Symposium - 2009

**1025 *Mid-morning Break***

**1040 Long-Range Planning Issues**

- Ocean Observatory Initiative Status - Bob Detrick
- Neptune Canada – Deb Kelley
- InterRidge – C. German
- RIDGE2000 – Deb Kelley
- Others?

**1100 *Outreach and Education Programs***

- RIDGE Lectureship Program
- MATE Program
- COSEE
- Ocean Exploration
- Others?

**1120 Operational Summary and Collaborations with Other Deep Submergence Activities** - Reports from other deep submergence operations are welcome and can be summarized by Deb Kelley if the operator is not present at the meeting. These might include (MBARI, China -COMRA, Japan –JAMSTEC, ROPOS, HURL, MPL (ATV), Navy, and Korea – KORDI)

- HBOI – Marsh Youngbluth
- NURP & Ocean Exploration

**1135 Other business**

- DESSC Membership – Deb Kelley will review the positions opening in 2007
- DESSC members and meeting participants are welcome to report on items of interest.
- General discussion on agenda topics as needed.

**1200 Review Meeting Action Items**

**1215 *DESSC Adjourn***